

US 101 & SR 116 North Olympic Peninsula – Remove Fish Barriers

Voluntary Submitters Meeting

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Wenatchee Project Engineering Office
August 4, 2022

Agenda

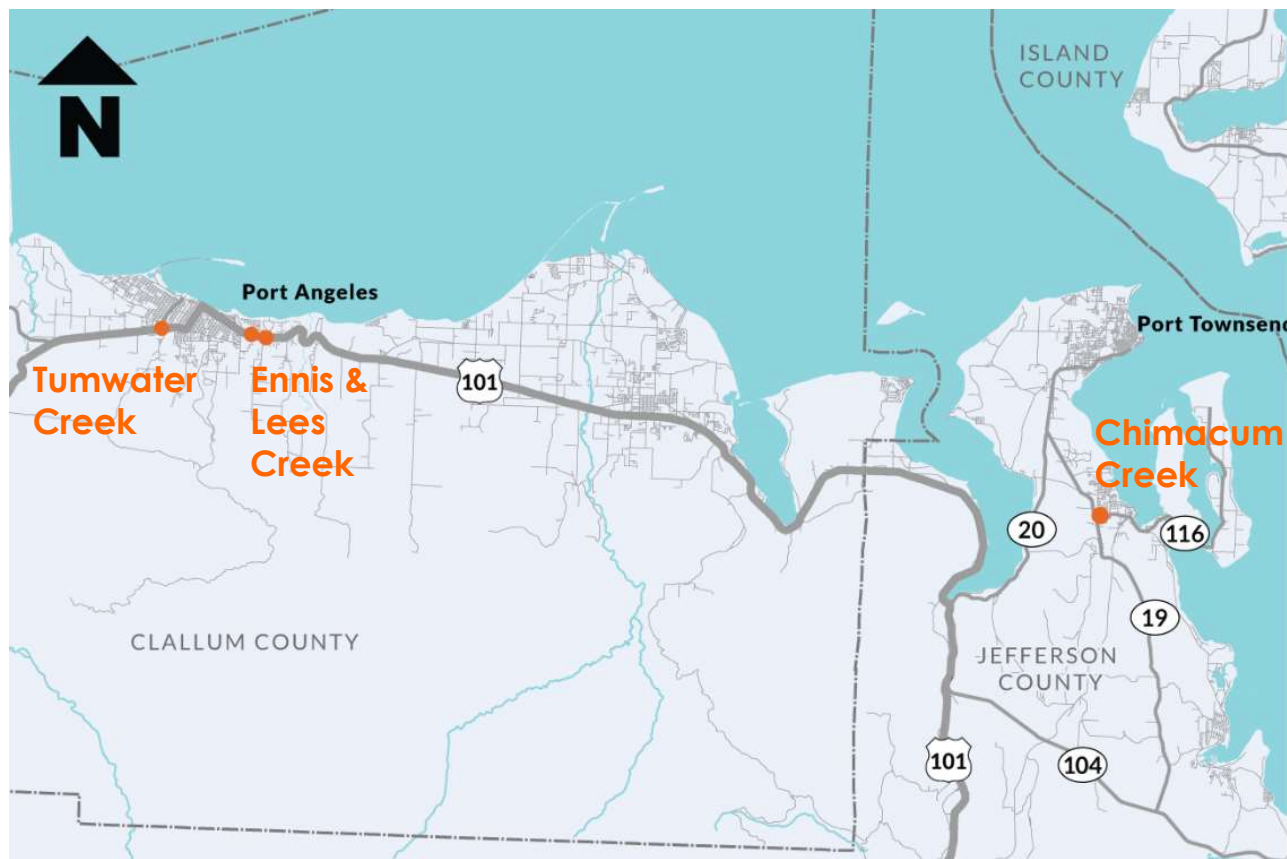
- Introductions
- Project Overview
- Project Goals
- Submittal Requirements
- Procurement Schedule

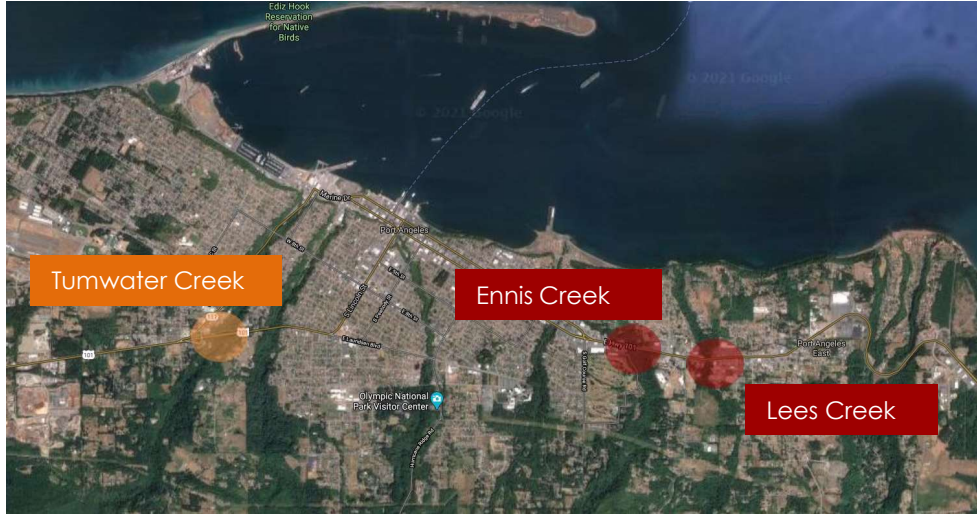
Project Overview

This project will replace the existing fish barrier culvert crossings at the following locations with fish passable water crossing structures in compliance with the federal injunction regarding fish passage underneath state highways:

- US 101 at Tumwater Creek (MP 246.40, WDFW Site ID 990448)
- US 101 at Ennis Creek (MP 250.00, WDFW Site ID 18.0234 1.10)
- US 101 at Lees Creek (MP 250.50, WDFW Site ID 990240)
- SR 116 at Chimacum Creek (MP 0.22, WDFW Site ID 990077)

Project Locations





Tumwater Creek

Ennis Creek

Lees Creek

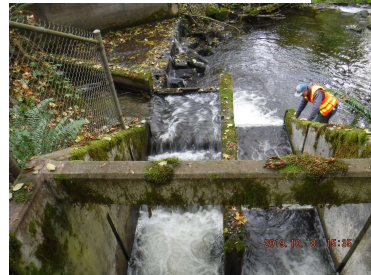
TUMWATER CREEK

Fill Height: 75'
2 lane highway
Detour available
Buried telephone
Overhead power
New Span: 60'



ENNIS CREEK

Fill Height: ~50'
5 lanes w/ sidewalks
NO DETOUR
Buried fiber & water
New Span: 47'



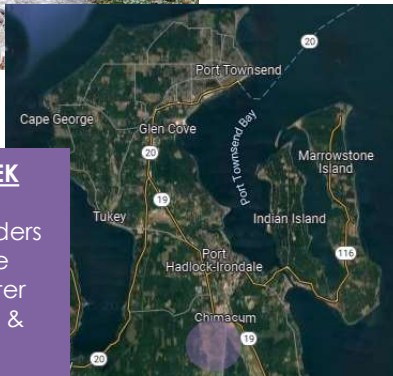
LEES CREEK

Fill Height: ~50'
5 lanes w/ sidewalks
NO DETOUR
Buried fiber, water, sewer
Overhead power & fiber
New Span: 35'



CHIMACUM CREEK

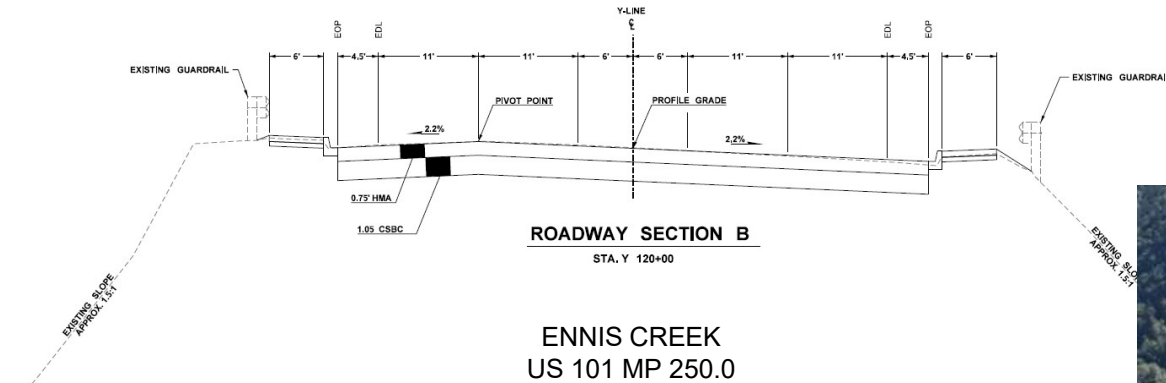
Fill Height: <10'
2 lanes w/ 9' shoulders
Detour available
Buried fiber & water
Overhead power & fiber
New Span: 70'



Chimacum Creek

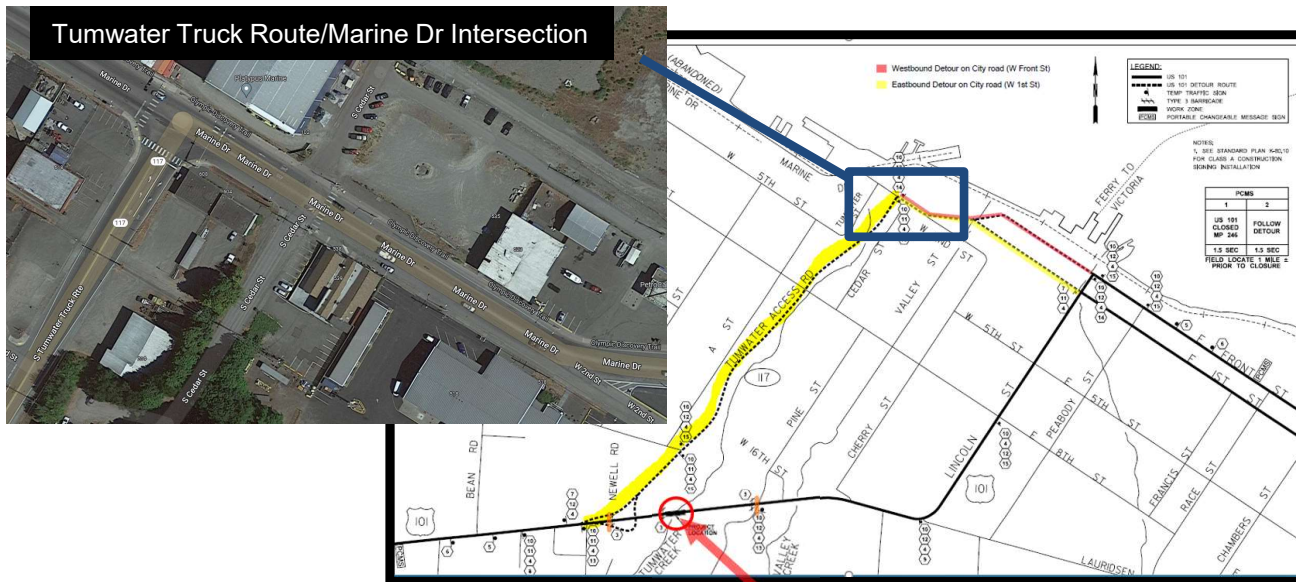
Maintenance of traffic (Ennis & Lees):

BUSY road,
no alternates

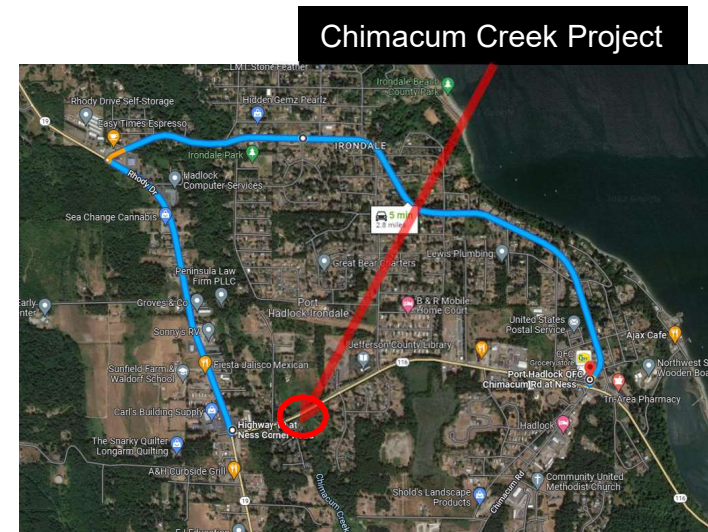


Maintenance of traffic (Tumwater & Chimacum):

Detours available



- **CHIMACUM:** Full closure of SR 116, detouring traffic north to Irondale Rd or south to Chimacum Rd



- **TUMWATER:** Full closure of US 101, detouring traffic to Marine Dr. Local traffic may use 8th St

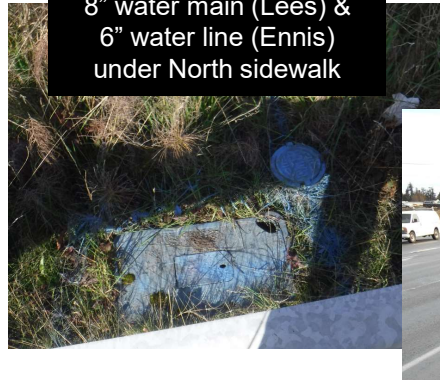
*Detour route is subject to WSDOT obtaining detour agreement with local agency

Utility Conflicts (Lees & Ennis)

Aerial power & fiber on North side of 101 (Lees)



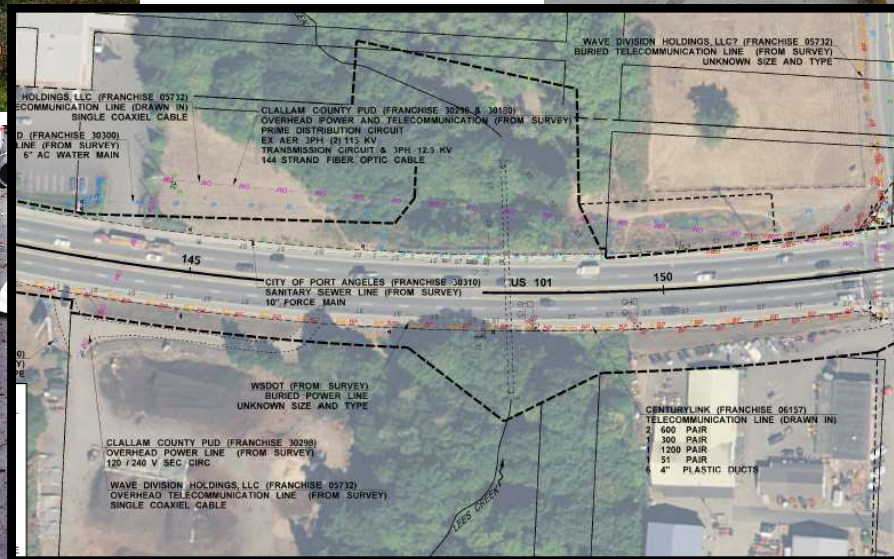
8" water main (Lees) & 6" water line (Ennis) under North sidewalk



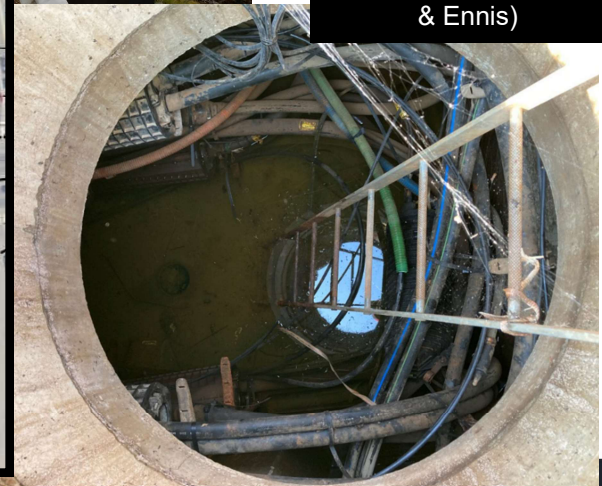
Stormwater catch basins, pipes, & 4 x hydrodynamic treatment vaults in sag (Lees & Ennis)



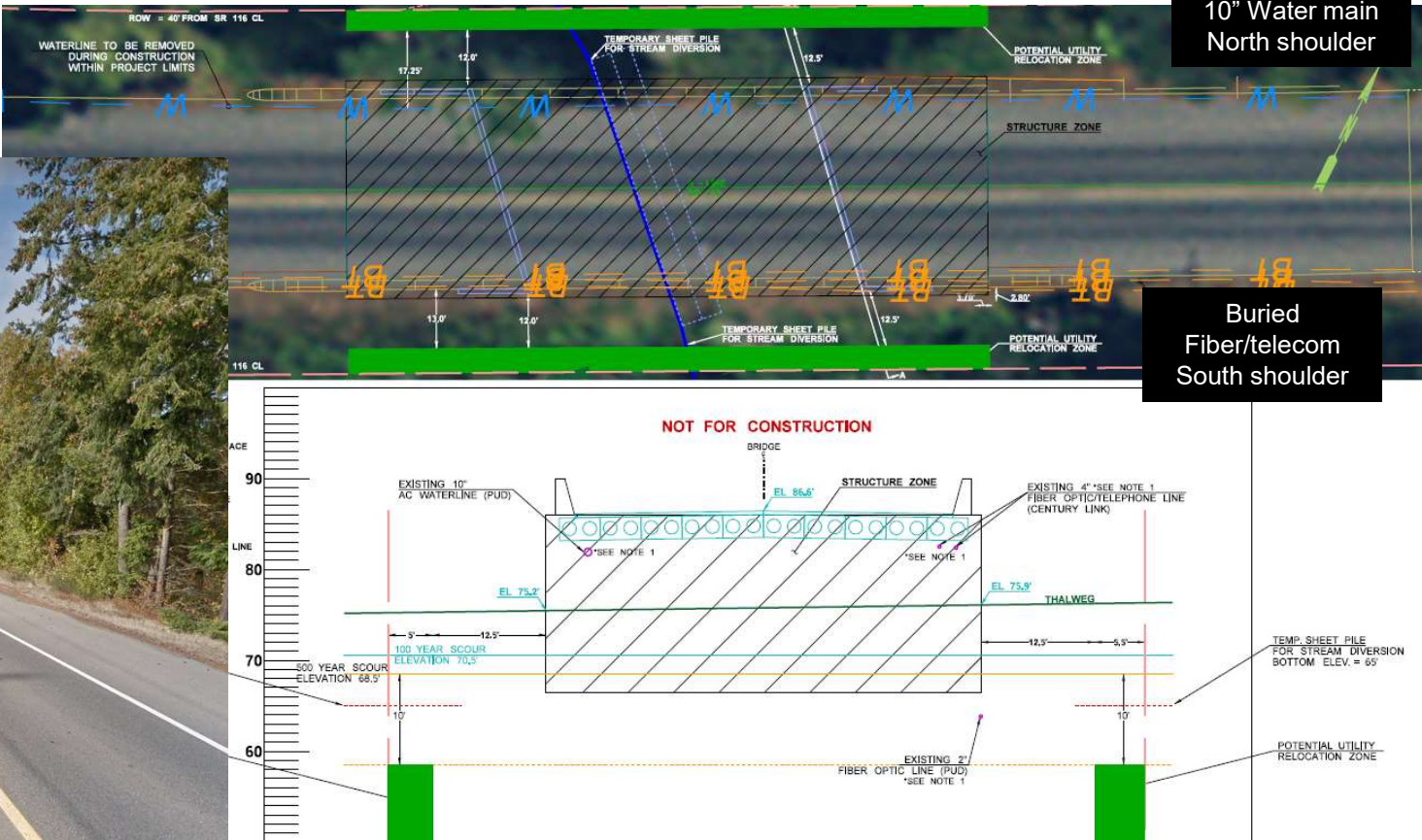
10" Force main sewer under North sidewalk (Lees)



Telecom/fiber duct bank (trunk line) under South sidewalk (Lees & Ennis)

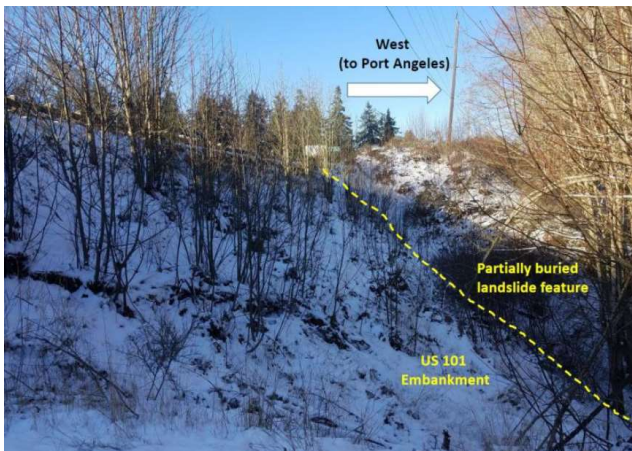
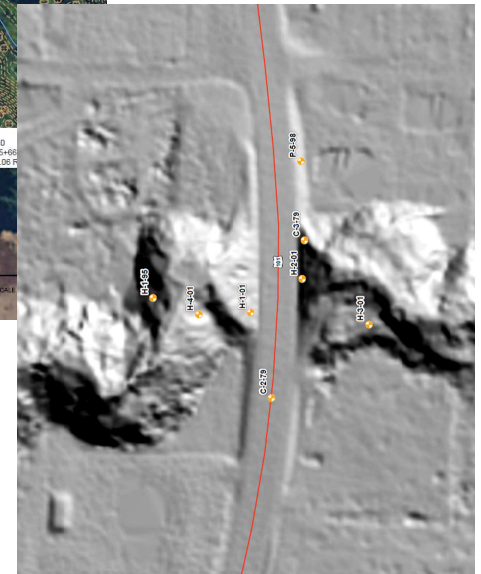
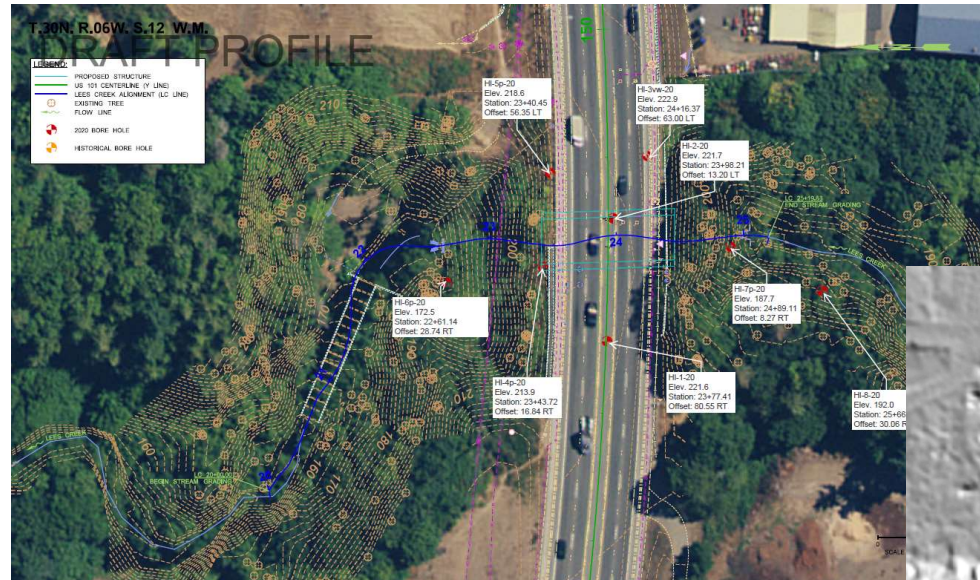


Utility Conflicts (Chimacum)



Geotech Overview (Lees, Ennis, Tumwater)

Lots of fill over weak to very weak siltstone “bedrock”... and landslides.

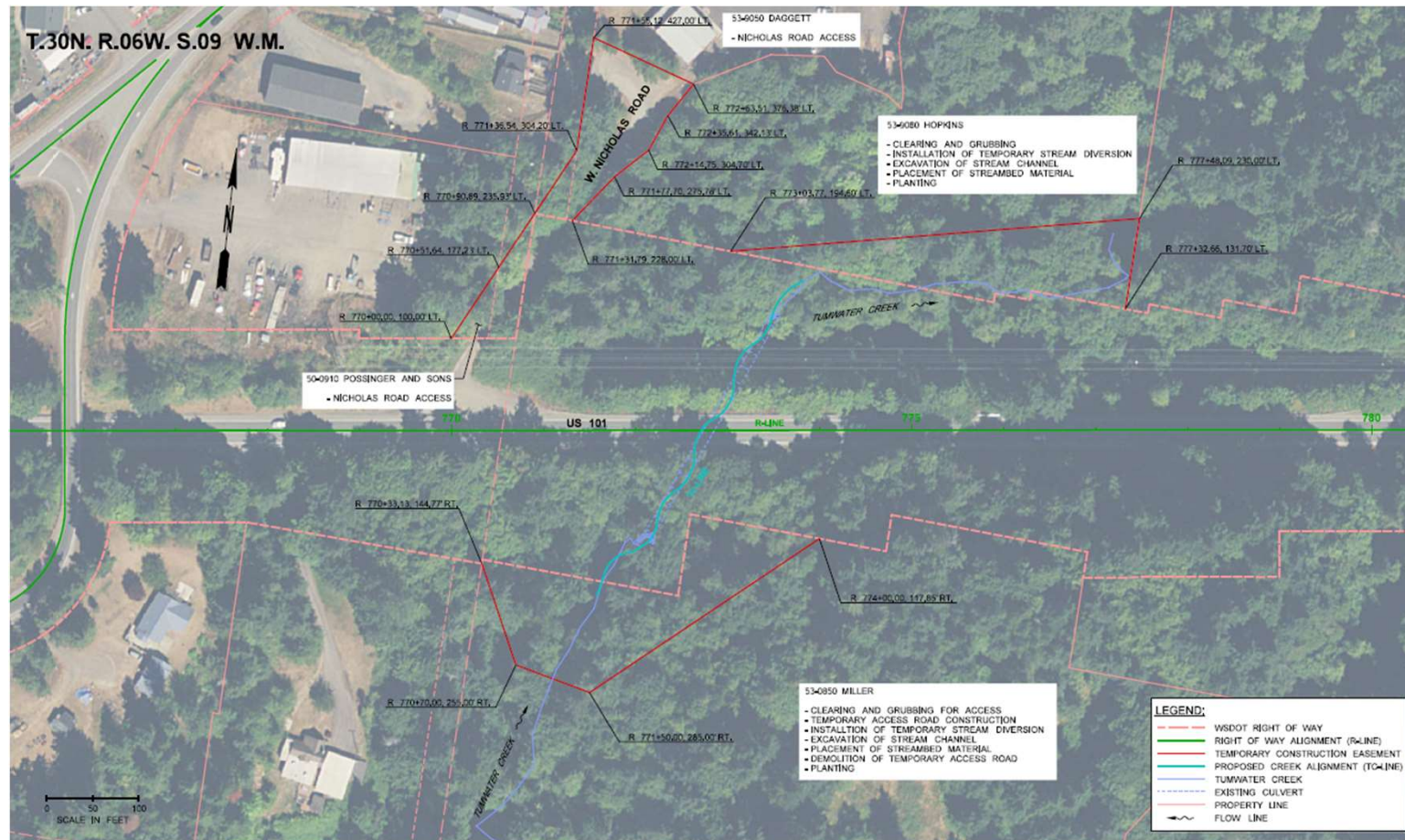


Geotech Overview (Chimacum)

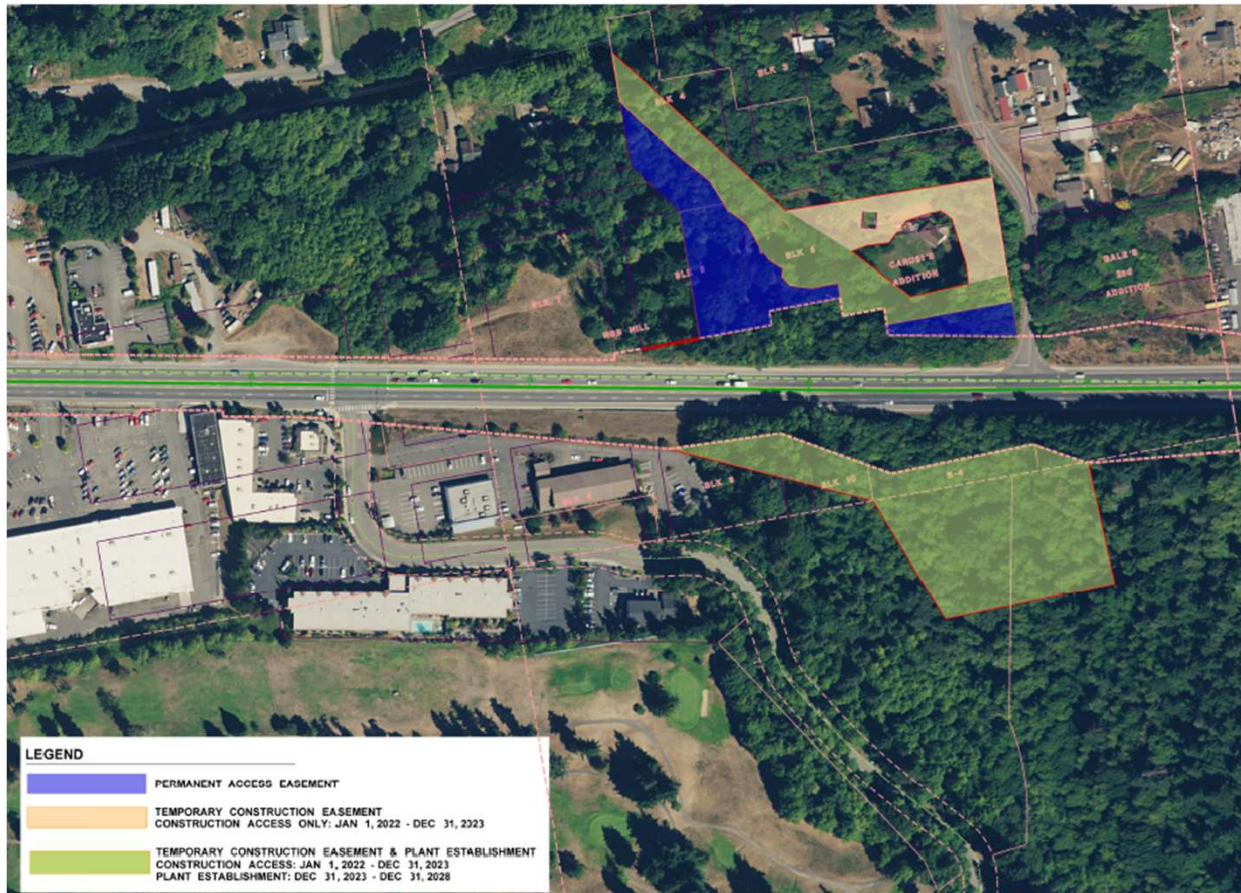
SR 116 crosses a wetland – roadway underlain by liquefiable soils and artesian groundwater conditions present



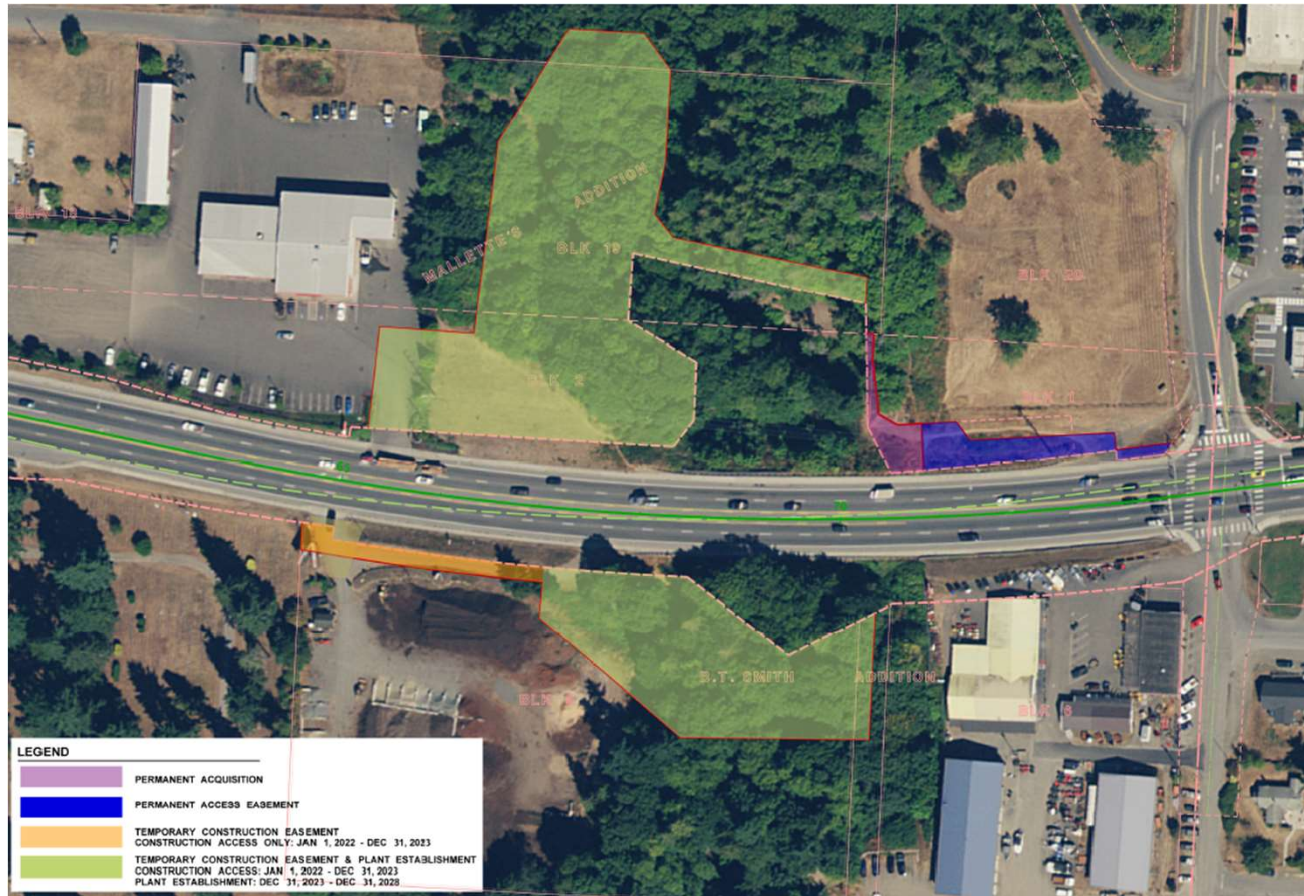
Right of Way (Tumwater)



Right of Way (Ennis)



Right of Way (Lees)



Right of Way (Chimacum)



Environmental Status

- NEPA is complete for all four sites
- A CLOMR will be required for Ennis Creek. WSDOT to submit CLOMR application before RFP is issued. Any changes to conceptual design will require design-builder to resubmit CLOMR application.
- All environmental permits will be the responsibility of the design-builder to obtain

Project Goals

Disadvantaged Business Enterprise (DBE) participation

- a. Meets or exceeds DBE requirements throughout the life of the Project with an integrative approach to maximize DBE participation.

There are goals for both Design (16%) and Construction (19%)

Project Goals

Environmental Stewardship and Collaboration

- a. Design and construct a project that minimizes the footprint of disturbance, improves water quality, and creates high quality aquatic habitat to benefit all life stages of endemic fish and other aquatic life, that meets or exceeds the requirements of the contract and regulatory minimums and ensures long-term success of the stream crossings.
- b. Gain support from WSDOT, local jurisdictions, tribes, Washington Department of Fish and Wildlife (WDFW), Federal Emergency Management Agency (FEMA), and other project stakeholders through timely and effective communication and collaboration.

Project Goals

Minimize Project Impacts

- a. Develop and implement strategies that reduce durations of road and/or lane closures on highways and local streets and minimize traffic impacts and delays to all road users during permitted closure periods.
- b. Develop and implement traffic control, work operation, and staging plans that minimize or avoid impacts to neighboring property owners and local businesses, including minimizing disturbance to private property and maintaining safe access connections.
- c. Develop and implement strategies to minimize cost and risks to Utility Owners for the relocation & replacement of facilities that conflict with the final design.

Project Goals

Proactive Management Approach

- a. Deliver a successful fish barrier replacement project through effective project management, timely communication, and collaboration with the project owner, and project stakeholders. Public agency projects with multiple barrier replacements are preferred.
- b. Effectively manage project schedule, budget, and risks to identify and resolve issues early and efficiently at the lowest level in partnership with a public agency project owner.
- c. Successfully manage challenging site geotechnical conditions during design and construction to minimize risk to the project during construction and long term.

Submittal Requirements

Key Personnel: Project Manager, Design Manager, Construction Manager, Stream Design Engineer, Geotechnical Engineer, Inclusion Manager

- **Narrative**
 - Relevant project experience and performance for each of the Project goals per Table 7.2 of the RFQ
 - Demonstrate how their experience will ensure success in meeting the relevant project goals
- **Resume**
 - Relevant education, training, licensing, and registration/certification
 - Years of experience performing similar work
 - Actual work examples relevant to the Project
- **References**
 - Three references from different project included on resume
 - Two of the three shall be from projects at least 75% complete
- **See Table 7.2 and Section 7.5.1 of the RFQ for additional requirements.**

Submittal Requirements

Major Participants: Submitter, Design Lead, Construction Lead

- **Narrative:** Relative to the corresponding Project Goals as listed below
 - **Submitter**
 - Goal 1 – DBE Participation
 - Goal 2 – Environmental Stewardship and Collaboration
 - Goal 3 – Minimize Project Impacts
 - Goal 4 – Proactive Management Approach
 - **Design Lead**
 - Goal 2a – Environmental Stewardship and Collaboration
 - Goal 3a & 3c – Minimize Project Impacts
 - Goal 4 – Proactive Management Approach

Submittal Requirements

Major Participants: Submitter, Design Lead, Construction Lead

- **Construction Lead**
 - Goal 1 – DBE Participation
 - Goal 2a & 2b – Environmental Stewardship and Collaboration
 - Goal 3 – Minimize Public Impacts
 - Goal 4a & 4b – Proactive Management Approach
- **See Table 7.2 and Section 7.6 of the RFQ for additional requirements.**

Schedule

Action	Dates
Step 1 – SOQ Phase	
RFQ Issue Date	***7/25/2022***
Voluntary Submitter's Meeting	***8/4/2022***
Deadline for Requesting a WSDOT SFTP Username and Password	***8/17/2022***
Deadline for Submitting RFQ Questions	***8/17/2022***
Deadline for WSDOT Response to RFQ Questions	***8/24/2022***
SOQ Due Date	***8/31/2022***
Notify Short Listed Submitters	***10/4/2022***
Step 2 – Proposal Phase	
Issue RFP	***10/24/2022***
Voluntary Proposer's Meeting	***11/1/2022***
ATC Submittal Deadline	***2/21/2023***
Deadline for Submitting Proposer Questions	***3/28/2023***
Deadline for WSDOT Response to Proposer Questions	***4/3/2023***
Proposals Due Date	***4/19/2023***
Announce Apparent Best Value Proposer	***6/7/2023***
Estimated Notice to Proceed #1	***7/12/2023***
Estimated Notice to Proceed #2	***12/1/2023***

Questions?

